pa1030: Box multiplication of linear binomials (v6)
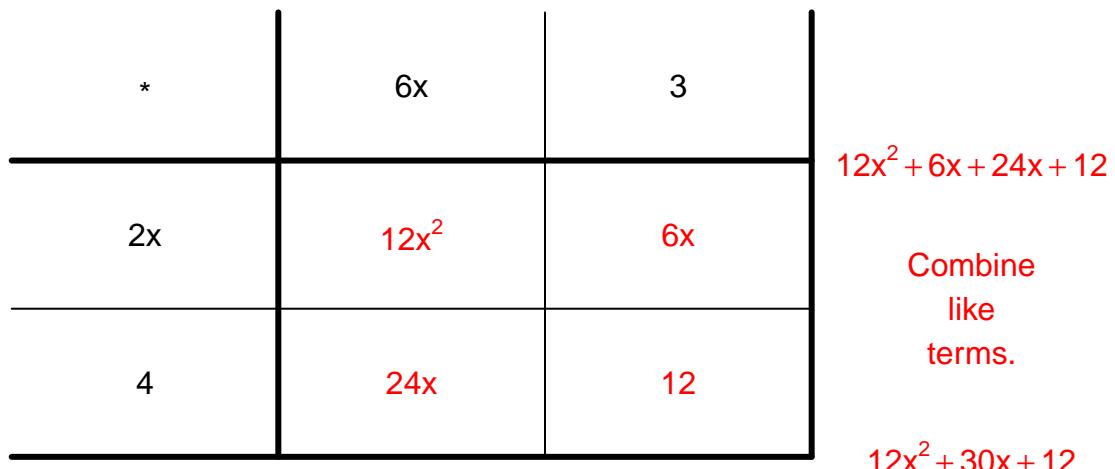
Example

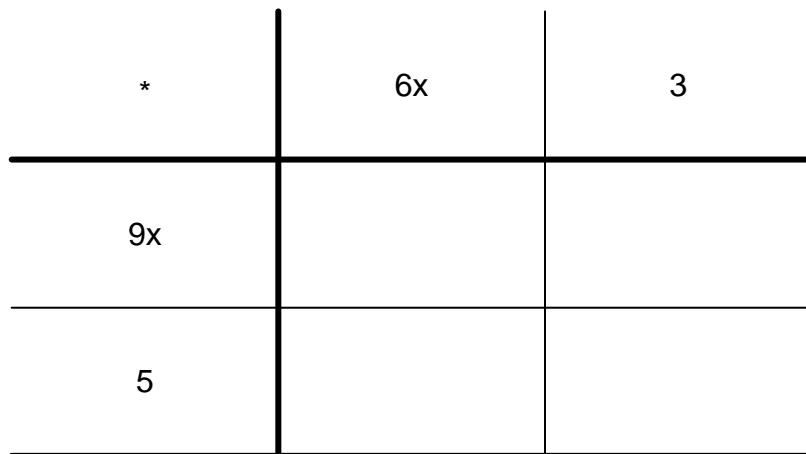Use the box method to multiply $(6x + 3)$ and $(2x + 4)$.

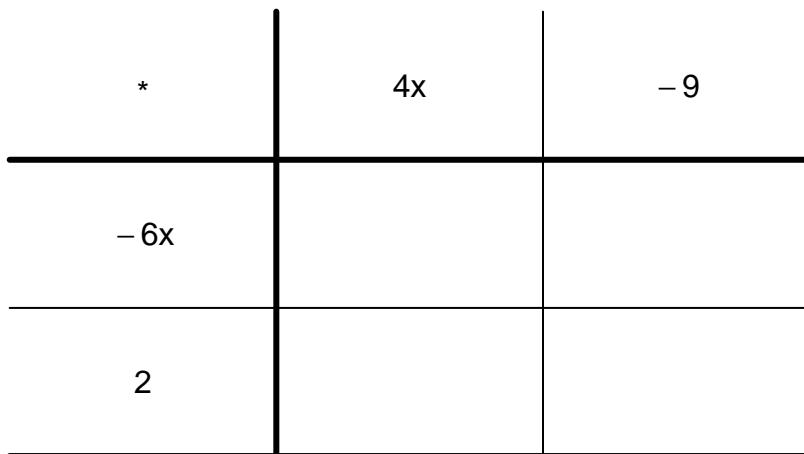| *	6x	3
2x	$12x^2$	6x
4	24x	12

$12x^2 + 6x + 24x + 12$

Combine like terms.

$12x^2 + 30x + 12$

ANSWER: $12x^2 + 30x + 12$

Question 1

Use the box method to multiply $(6x + 3)$ and $(9x + 5)$.

*	6x	3
9x		
5		

ANSWER:

Question 2
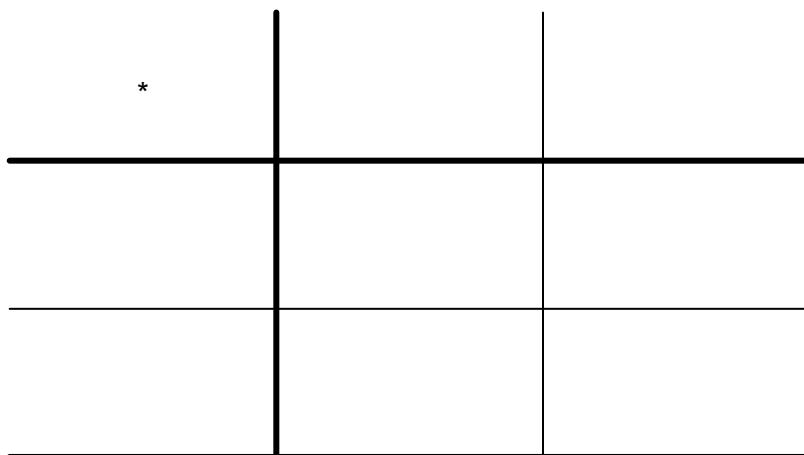
Use the box method to multiply $(4x - 9)$ and $(-6x + 2)$.

*	4x	− 9
− 6x		
2		

ANSWER:

Question 3

Use the box method to multiply $(8x + 3)$ and $(2x - 9)$.

*		

ANSWER: